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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/510,806

02/05/2007

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EXAMINER

AGGARWAL, YOGESH K

ART UNIT

PAPER NUMBER

2622

MAIL DATE

DELIVERY MODE

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PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No. 10/510,806	Applicant(s) LEE, YOUNG TAE	
	Examiner YOGESH K. AGGARWAL	Art Unit 2622	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-5 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 1-5 is/are rejected.
- 7) ☐ Claim(s) ____ is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 06 October 2004 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. ____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. ____. |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date <u>01/03/2006</u> . | 6) <input type="checkbox"/> Other: ____. |

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2. Claims 1, 4 and 5 are rejected under 35 U.S.C. 102(b) as being anticipated by Schlack et al. (US Patent # 5,392,447).

[Claim 1]

Schlack et al. teaches a method for recognizing a name card by a mobile phone (figures 1 and 21, col. 9 lines 41-45) having a camera (scanner unit 26), comprising the steps of: (a) a step in which an image of the name card taken photograph is inputted by the mobile phone having the camera (col. 8 lines 22-53); (b) a step in which the image of the name card is blocked in fields (See figures 6 and 16 how the information is blocked); (c) a step in which a menu for classifying the blocked fields (figure 14 shows a keyboard menu for inputting tag information) and the fields is displayed on a screen of the mobile phone having the camera (col. 9 line 63-col. 10 line 7, see figure 14 wherein a menu for classifying the fields is the keyboard and the fields is the data shown above); (d) a step in which a user select one of the fields using a cursor on the screen, and then select a menu or a shortcut key based on the selected field of the menu using a cursor, then a character in the selected fields based on the selected menu is recognized (col. 9 lines 46-62); (e) a step in which a method for recognizing a name card by a mobile phone having a camera including a storing of the recognized characters for future use (col. 9 lines 60-62).

[Claim 4]

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Schlack teaches a method for recognizing a name card by a mobile phone having a camera is including to be blocked the image of the name card by a line (figure 6 teaches all the information is line wise).

[Claim 5]

Schlack teaches wherein in said step (a), a method for recognizing a name card by a mobile phone having a camera is including a close-up lens to be attached to the camera when a user take a photograph the image of the name card (figure 21, lens 90, col. 12 lines 16-37).

Claim Rejections - 35 USC § 103

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claims 2 and 3 are rejected under 35 U.S.C. 103(a) as being unpatentable over Schlack et al. (US Patent # 5,392,447).

[Claim 2]

Schlack teaches wherein said the menu from step c, a method for recognizing a name card by a mobile phone having a camera is including a part of a name of the company, duty, name, home address, home telephone number, company telephone number, mobile phone number, (col. 9 lines 51-67). Schlack does not explicitly teach facsimile number, e-mail address, URL(Uniform Resource Locator), and department. However it would be a matter of design choice to include any one of the information as tag information.

[Claim 3]

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Schlack teaches optical character recognition (Abstract) but fails to teach wherein said the menu from step (c), a method for recognizing a name card by a mobile phone having a camera is including a character recognition which is dependent on a language, if Korean name or English name in the menu is selected, the character recognition recognizes the selected character fields by Korean recognition or English recognition, which is built in the mobile phone having a camera, if a name, a name of the company, or duty of the menu is selected, it recognizes characters of the selected fields by Korean recognition, which is built in the mobile phone having a camera; if a home telephone number, a company telephone number, a mobile phone number, or a facsimile number of the menu is selected, it is recognized numeric of the selected fields by a numeric recognition, which is built in the mobile phone having a camera; if an e-mail address or URL of the menu is selected, it is recognized character of the selected fields by English recognition, which is built in the mobile phone having a camera . However Official Notice is taken that it is very well known to have a optical character recognition for different languages like Korean or English in order to be user-friendly. The information regarding a name, a name of the company, a home telephone number, a company telephone number, a mobile phone number, or a facsimile number an e-mail address or URL is explained in claim 2.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to YOGESH K. AGGARWAL whose telephone number is (571)272-7360. The examiner can normally be reached on M-F 9:00AM-5:30PM.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Sinh Tran can be reached on (571)-272-7564. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Yogesh K Aggarwal/
Primary Examiner, Art Unit 2622